

## The Most Extensive Instrument Range for Measuring Progress in Physical Therapy

- **Baseline** Measure strength, range-of-motion, and more
- **Baseline** Lightweight and portable
- **Baseline** Inexpensive and cost effective
- **Baseline** Accepted by physical and occupational therapists for over 25 years



wrist dynamometer



back-leg-chest dynamometer



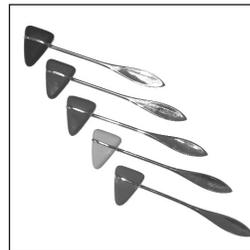
pinch gauges



bubble inclinometer



hand evaluation set



taylor hammers



goniometers



wrist inclinometers

For complete line of Baseline products, see pages 56-87 in the 2008 FEI catalog or view online at [www.FabricationEnterprises.com](http://www.FabricationEnterprises.com)

## DIGITAL INCLINOMETER



### EASY TO USE

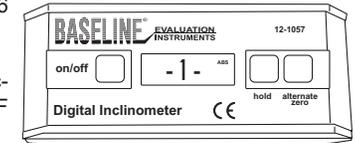
Range-of-motion can be read directly after the joint has been taken through its range. Place inclinometer near the joint to be measured; press the "alternate zero" button; move joint through its range; press the "hold" button. Read range-of-motion.

### DIGITAL INCLINOMETER OPERATING INSTRUCTIONS:

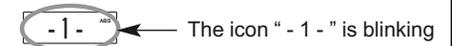
#### CALIBRATION and INITIAL SET-UP

The Digital Inclinometer needs to be calibrated after you replace the battery. At any time you can force a recalibration by holding the ON/OFF button for 6 seconds. There are 4 steps to calibrate the unit:

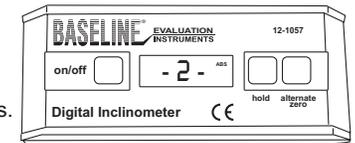
1. Place the unit on a flat horizontal surface, with unit facing you with the lettering right-side up. Press ON/OFF button, the "- 1 -" appears.



2. Press ALTERNATE ZERO button. The "- 1 -" begins to blink.



3. Wait approximately six seconds until the "- 2 -" appears.



4. Rotate the unit 180 degrees so it faces away from you, (the lettering should still be right-side up). Align with the same edge or line. Press ALTERNATE ZERO button and the "- 2 -" starts to blink. Wait six seconds until the actual angle is visible. The calibration is finished.



The icon "- 2 -" is blinking on the other side

Fabrication Enterprises Incorporated

Manufacturer and Master Distributor of Physical Therapy and Rehabilitation Products

Fabrication Enterprises, Inc.  
PO Box 1500  
White Plains, New York 10602 USA

tel: 800-431-2830 914-345-9300  
fax: 800-634-5370 914-345-9800  
info@FabricationEnterprises.com

## OPERATING INSTRUCTIONS

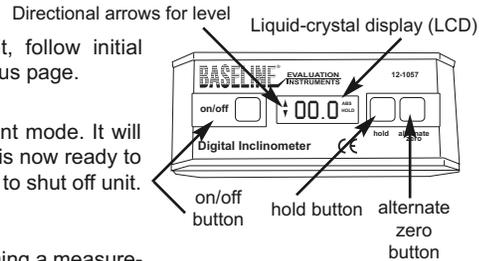
**NOTE:** If this is the first time using unit, follow initial calibration and set-up instructions on previous page.

### ON/OFF BUTTON

Press ON/OFF button to enter measurement mode. It will display the angle reading immediately. Unit is now ready to measure angle. Push ON/OFF button again to shut off unit.

### HOLD BUTTON

If you want to lock the reading while performing a measurement, simply press the HOLD. The angle reading will freeze and you can record the reading. You can cancel this function by pressing the HOLD button a second time. You will now be viewing live angle measurements.

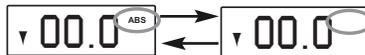


### ALTERNATE ZERO BUTTON

**Absolute Zero mode:** If the icon "ABS" is in the display, the unit is in absolute zero measurement mode.

**Note:** changing from relative to absolute zero mode cannot be done when the HOLD icon is visible.

Change to relative measurement mode by pressing ALTERNATE ZERO button

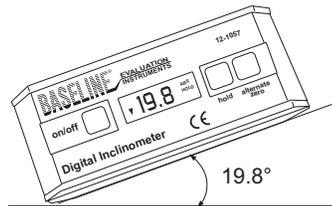


Change to horizontal measurement mode by pressing ALTERNATE ZERO button

**Relative Zero mode:** If the icon "ABS" is in the display, it is in the relative measurement mode.

### ABSOLUTE (HORIZONTAL) ZERO MEASUREMENT

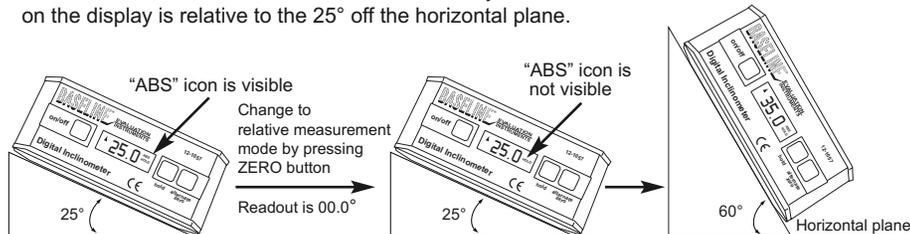
In absolute zero measurement mode, the icon "ABS" is visible. Put the unit near the joint needed to be measured. The inclinometer shows the angle between the inclinometer plane and the horizontal plane (see diagram to the right). To get the most accurate reading, allow the unit to settle before noting the angle.



### RELATIVE MEASUREMENT

Setting an alternate reference point allows you to set any angle to ZERO. This new ZERO is now a reference point from which to take measurements. For instance, you may want a surface that is actually 25° off absolute zero (horizontal) displayed as ZERO so you can measure all other angles from that benchmark. See the example below for Relative angle measurement:

- Unit starts in absolute zero measurement mode (the icon "ABS" is visible). Put the inclinometer on the surface that is actually 25° off the horizontal plane. The unit now reads 25°.
- Press the ALTERNATE ZERO button to change to relative measurement mode (the icon "ABS" is no longer visible, the angle readout is now ZERO).
- Put the inclinometer on the surface that is actually 60° off the horizontal. The "35.0°" shown on the display is relative to the 25° off the horizontal plane.



The angle readout is 25° in Absolute Measurement Mode

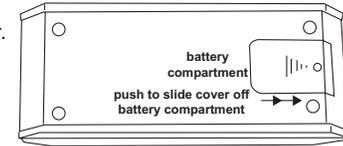
The angle readout is 0° in Relative Measurement Mode

The angle readout is 35° in Relative Measurement Mode

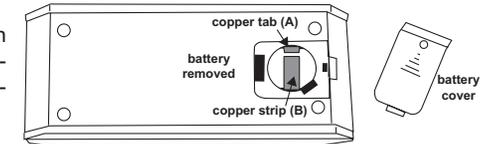
## BATTERY INSTALLATION

(use lithium battery CR2032 3V or equivalent)

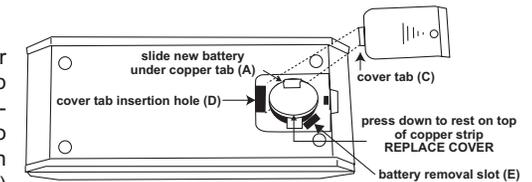
- Back view of Digital Inclinerometer. Slide battery cover to the right to remove.



- Back view of Digital Inclinerometer with battery cover removed, exposing copper battery connections. Tab A positive (+), strip B negative (-).

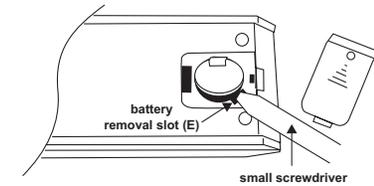


- Slide battery (lithium CR2032 3V or equivalent) UNDER small copper tab (A), push battery on top of long copper strip (B) until battery snaps into place. Make sure battery description is facing up and that copper tab (A) makes contact with battery. Replace battery compartment cover by slipping cover tab (C) in insertion hole (D). This will ensure copper tab contact with battery.

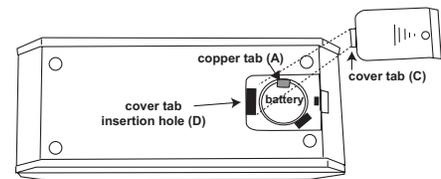


### REPLACING BATTERY

- Turn unit off. Remove battery compartment cover. Insert screwdriver or paperclip into battery removal slot (E). Battery pops out.



- Follow step 3 from BATTERY INSTALLATION to replace battery.



- Slide battery compartment cover in place by slipping cover tab (C) in insertion hole (D) as illustrated.

- Digital Inclinerometer will have to be recalibrated after battery replacement.

### SCREW-IN LEGS

Two screw-in legs are provided with the unit. Screw legs into bottom of unit as far as possible. Legs ensure 2 points of contact for unlevel surface such as spine and cervical spine.